

CLAIMS

What is claimed is:

1. A drive arrangement for a motor vehicle, comprising an internal combustion engine (10) and a power electronic unit (1) for controlling an electric machine, said power electronic unit (1) being supported on a carrier (2, 3, 3') said carrier (2, 3, 3') being in the form of a cooler having coolant inlets and outlets and being mounted on said engine such that said coolant inlets and outlets are in communication with coolant passages (11) of a cooling circuit of the internal combustion engine (10).
2. A drive arrangement according to Claim 1, wherein the carrier (2, 3') is arranged in a positively engaging fashion on an engine housing (10), in particular an engine block.
3. A drive arrangement according to Claim 2, wherein a seal (9) is provided between said carrier (2, 3) and said engine block (10).
4. A drive arrangement according to Claim 1, wherein the carrier (2, 3, 3') of the power electronic unit (1) is attached to the engine block (10).
5. A drive arrangement according to Claim 1, wherein said power electronic unit (1) controls an electric machine which can be operated selectively as a starter and a generator.